

## FILTER FLUID+ PROTECTOR

- Works with a filter to protect the system against corrosion debris
- Fernox Protector with dispersant to aid the safe collection of magnetite to a filter
- Prolongs the life of the boiler, pump & heat exchanger
- Designed to be left in the system permanently
- Prevents scale and corrosion formation
- Innovative, best-in-class formulation



### Product Uses

Developed for use with the Fernox TF1 filter range and in-line system filters.

Fernox **Filter Fluid+ Protector** is specifically formulated to lift corrosion deposits and contaminants within central heating systems to deliver the debris directly to an in-line filter (such as one from the Fernox TF1 Filter range) for fast removal and containment. Importantly, it also provides the long-term protection of domestic central heating systems against internal corrosion and limescale formation.

This innovative product inhibits corrosion against the chemical reaction of water in contact with metals found in heating systems, i.e. ferrous metals, copper and copper alloys and aluminium. **Filter Fluid+ Protector** is suitable for all types of boilers, radiators, underfloor and heating systems. When used in combination with a system filter like a TF1 filter, the **Filter Fluid+ Protector** offers an additional ongoing cleaning method to remove corrosion products from system water. It is ideal for servicing and annual maintenance checks, saving time on-site for installers.

**Filter Fluid+ Protector** is particularly suitable for heating systems which are difficult or problematic to clean by conventional flushing or to drain down the system and isolate the radiators and where no water treatment has been used previously on commissioning of the system or installation of the boiler.

Fernox **Filter Fluid+ Protector** is compatible with metals and materials commonly used in central heating systems and all Fernox products.

### Physical Properties

Fernox **Filter Fluid+ Protector** is a blend of corrosion and scale inhibitors and dispersants

Form: Liquid  
Colour: Brown  
Odour: Aromatic  
pH (conc): 8.0  
pH (in use): 7.0-8.0  
SG: 1.15

## Application and Dosage

The recommended 'in use' concentration of the product is 0.5%. One 500ml bottle will treat an average 100 litre system (up to 10 single radiators). Product can be dosed into the system via the Fernox TF1 filling point, the system filling loop or the radiator using a Fernox Injector and circulate. Fernox **Filter Fluid+ Protector** liberates system contaminants and delivers them to an in-line filter for removal. Once all the work is complete on the heating system, the final action that we recommend is carried out, is to isolate the filter & empty collected contaminants. Fernox **Filter Fluid+ Protector** should remain in the system. It is not for use in microbore systems.

For heavily sludged systems or new installations, Fernox recommends cleaning and flushing using Fernox Cleaner F3/F5 before treating with **Filter Fluid+ Protector/ Protector F1** and installing a filter. The installation of a system or new boiler should comply with all local legislation such as Part L of the Building Regulations

For continued protection, it is recommend Fernox Protector levels are checked annually as part of any filter maintenance programme.

**Filter Fluid+ Protector** should only be used when a system filter has been installed.

## Packaging, Handling and Storage

Fernox **Filter Fluid+ Protector** is supplied in 500ml containers.

Fernox **Filter Fluid+ Protector** is classified as non-hazardous, but as with all chemicals: Keep out of reach of children. Do not mix with other chemicals. Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.